IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gary G. HERMANSON

Appl. No.: 10/658,688

Filed: September 10, 2003

For: Codon-Optimized Polynucleotide-Based Vaccines Against Bacillus

anthracis Infection

Confirmation No.: 3461

Art Unit: 1632

Examiner: Singh, Anoop Kumar

Atty. Docket: 1530.0460002/EJH/UWJ

Amendment and Reply Under 37 C.F.R. § 1.111

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated September 11, 2007, Applicant submits the following Amendment and Remarks.

Amendments to the Specification are reflected in the listing of substitute paragraphs which begins on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks and Arguments begin on page 29 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net

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addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.